

APALACHICOLA RIVER BASIN 2003 Water Year

02336355 NANCY CREEK TRIBUTARY AT WIEUCA ROAD, AT ATLANTA, GA

LOCATION.—Lat 33°52'12", long 84°22'20" referenced to North American Datum (NAD) of 1983, Fulton County, Hydrologic Unit Code 03130001, at culvert on Wieuca Road, 0.20 miles upstream of Nancy Creek, and 0.30 miles west of GA 400.

DRAINAGE AREA.— 2.86 mi^2 .

COOPERATION.—City of Atlanta.

PERIODIC WATER-QUALITY RECORDS

PERIOD OF RECORD.—March 20, 2003 to July 28, 2003.

REMARKS.—Laboratory chemical analyses with analyzing agency code 80020 are by the U.S. Geological Survey, National Water Quality Laboratory. Laboratory chemical analyses with analyzing code 81345 are by the U.S. Geological Survey, Panola Mountain Laboratory. Laboratory sediment analyses are by the U.S. Geological Survey, Sediment Partitioning Research Laboratory. Field determinations of Specific Conductance, pH, Water Temperature, Dissolved Oxygen, and Turbidity are by the U.S. Geological Survey.

WATER-QUALITY DATA - WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Tur-				Dis-		pH,	Specif.	Hard-		Noncarb
		Agency	bidity,	Baro-	solved	water,	unfltrd	tance,	Temper-	Temper-	water,	hard-
		ana-	water,	metric	Dis-	oxygen,	unfltrd	ature,	ature,	unfltrd	lab,	Ca
		lyzing	unfltrd	pres-	solved	percent	field,	wat unf	ature,	ature,	filterd,	water,
		sample,	field,	sure,	oxygen,	of sat-	field,	wat unf	ature,	ature,	lab,	water,
		code	code	NTU	mm Hg	mg/L	uration	units	std	deg C	mg/L as	mg/L
		(00028)	(61028)	(00025)	(00300)	(00301)	(00400)	(00095)	(00010)	(00020)	(00900)	(00905)
												(00915)
MAR												
21...	0819	81345	9.7	739	9.5	94	6.5	144	13.5	14.5	45	14
21...	0820	81350	--	--	--	--	--	--	--	--	--	--
21...	0821	80020	--	--	--	--	--	--	--	--	--	--
MAY												
16...	0715	81350	--	--	--	--	--	--	--	--	--	--
JUL												
18...	0710	81345	3.6	740	5.4	62	7.0	161	22.0	25.0	60	20
18...	0711	80020	--	--	--	--	--	--	--	--	--	--
18...	0712	81350	--	--	--	--	--	--	--	--	--	--
28...	0930	80020	2.8	739	7.8	91	7.2	166	23.0	25.0	--	--

APALACHICOLA RIVER BASIN 2003 Water Year

02336355 NANCY CREEK TRIBUTARY AT WIEUCA ROAD, AT ATLANTA, GA—continued.

APALACHICOLA RIVER BASIN 2003 Water Year

02336355 NANCY CREEK TRIBUTARY AT WIEUCA ROAD, AT ATLANTA, GA—continued.

	Arsenic	Barium,	Beryll-	Cadmium	Chrom-	Cobalt,	Copper,	Iron,	Lead,	Lithium	Mangan-	Mercury	Molyb-		
Date	bed sed	bed sed	ium,	bed sed	ium,	bed sed	ese,	bed sed	denum,						
	<62.5um	<62.5um	bed sed	<62.5um	bed sed	<62.5um	<62.5um	<62.5um	<62.5um	<62.5um	bed sed	<62.5um	bed sed		
	dry svd	dry svd	lab,	dry svd	<62.5um										
	total,	total,	lab,tot	total,	lab,tot	total,	total,	total,	total,	total,	lab,tot	total,	lab,tot		
	ug/g														
	(34802)	(34807)	(34812)	(34827)	(34842)	(34847)	(34852)	(34882)	(34892)	(34897)	(34907)	(34912)	(34917)		
MAR															
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
MAY															
16...	--	--	--	--	--	--	--	--	--	--	--	--	--		
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	M	460	2	M	44	21	42	3.4	58	23	1600	.07	1		
28...	--	--	--	--	--	--	--	--	--	--	--	--	--		
	Nickel,	Selen-	Silver,	Stront-	Titan-	Vanad-	Zinc,	1-	2,6-Di-	2-	3-beta-	3-			
Date	bed sed	ium,	bed sed	ium,	ium,	ium,	bed sed	1,4-Di-	Methyl-	Methyl-	Methyl-	Methyl-			
	<62.5um	bed sed	<62.5um	bed sed	bed sed	bed sed	<62.5um	chloro-	naphth-	naphth-	Copros-	1H-			
	dry svd	<62.5um	dry svd	<62.5um	<62.5um	<62.5um	dry svd	benzene	alene,	alene,	tanol,	indole,			
	lab,	dry svd	lab,	dry svd	dry svd	dry svd	lab,	water,	water,	water,	water,	water,			
	total,	lab,tot	total,	lab,tot	lab,tot	lab,tot	total,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,			
	ug/g	ug/g	ug/g	ug/g	percent	ug/g	ug/g	ug/L	ug/L	ug/L	ug/L	ug/L			
	(34927)	(34952)	(34957)	(34967)	(34992)	(35007)	(35022)	(35022)	(34572)	(62054)	(62055)	(62056)	(62057)	(62058)	
MAR															
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<.5	<1		
MAY															
16...	--	--	--	--	--	--	--	--	--	--	--	--	--		
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	24	.4	<.5	45	.520	73	200	--	--	--	--	--	--		
28...	--	--	--	--	--	--	--	<.5	<.5	<.5	<.5	<.5	M		
	3-tert-				5-Meth-										
Date	Butyl-	4-	4-	4-	4-tert-	yl-1H-	9,10-								
	4-hy-	Cumyl-	Octyl-	Nonyl-	Octyl-	benzo-	Anthra-								
	droxy-	phenol,	phenol,	phenol,	phenol,	tri-	quinone								
	anisole	water,	water,	water,	water,	azole,	phenone	AHTN,							
	wat flt	filtrd,	filtrd,	filtrd,	filtrd,	wat flt	filtrd,	fltrd,	fltrd,	fltrd,	fltrd,	fltrd,			
	ug/L	(62059)	(62060)	(62061)	(62085)	(62062)	(62063)	(62066)	(62064)	(62065)	(34221)	(34248)	(62067)	(62068)	
MAR															
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2		
MAY															
16...	--	--	--	--	--	--	--	--	--	--	--	--	--		
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
28...	<5	<1	<1	<5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<2		
	beta-				Car-										
Date	Stigma-	Bisphe-	Broma-	Caf-	baryl,	Carba-	Chlor-	Choles-	Cot-						
	stanol,	nol A,	cil,	feine,	Camphor	water,	zole,	pyrifos	terol,						
	water,	water,	water,	water,	water,	filtrd	water,	0.7u GF	water,	water,	water,	water,			
	filtrd,	ug/L	water,	water,	water,	water,									
	ug/L	(62086)	(62069)	(04029)	(50305)	(62070)	(82680)	(82680)	(62071)	(38933)	(62072)	(62005)	(62082)	(39572)	(62083)
MAR															
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	--	--	--	--	--	--	--	--	--	--	--	--	--		
21...	<2	<1	<.5	E.2	<.5	<1	<.5	<.5	<2	<1	M	<.5	<5		
MAY															
16...	--	--	--	--	--	--	--	--	--	--	--	--	--		
JUL															
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
18...	--	--	--	--	--	--	--	--	--	--	--	--	--		
28...	<2	<1	<.5	E.1	M	<1	<.5	<.5	<2	<1	E.1	<.5	<5		

APALACHICOLA RIVER BASIN
2003 Water Year

02336355 NANCY CREEK TRIBUTARY AT WIEUCA ROAD, AT ATLANTA, GA—continued.

Date	Di-ethoxy-octyl-phenol, water, ug/L (61705)	D-Limocaine, water, ug/L (62073)	Ethoxy-octyl-phenol, water, ug/L (61706)	Fluor-HHCB, water, ug/L (34377)	Isobornane, water, ug/L (62075)	Iso-phenol, water, ug/L (62076)	Iso-quinoline, water, ug/L (62077)	Menthol, water, ug/L (34409)	Metaxyl, water, ug/L (62078)	Salicylate, water, ug/L (62079)	Methyl salicylate, water, ug/L (62080)	Methyl salicylate, water, ug/L (50359)	Methyl salicylate, water, ug/L (62081)
MAR													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<1	<.5	<1	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<.5
MAY													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<1	<.5	<1	<.5	<.5	M	<.5	<.5	<.5	<.5	<.5	<.5	<.5
Date	Metolachlor, water, ug/L (39415)	Naphthalene, water, ug/L (34443)	p-Cresol, water, ug/L (62084)	Penta-chlorophenol, water, ug/L (34459)	Phenanthrene, water, ug/L (34462)	Phenol, water, ug/L (34466)	Promethane, water, ug/L (04037)	Tetra-chloroethene, water, ug/L (34470)	Tri-chlorobromophane, water, ug/L (34476)	butyl san, water, ug/L (34288)	Triclo-ethyl citrate water, ug/L (62089)	Tri-ethyl water, ug/L (62090)	Tri-ethyl water, ug/L (62091)
MAR													
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--	--	--	--
21...	<.5	<.5	<1	<2	<.5	<.5	<.5	<.5	<.5	<.5	<.5	<1	<.5
MAY													
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
JUL													
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
18...	--	--	--	--	--	--	--	--	--	--	--	--	--
28...	<.5	<.5	M	<2	<.5	.6	<.5	<.5	<.5	<.5	<.5	<1	<.5
Date	Tri-phenylphosphate, water, ug/L (62092)	Tris(2-butoxyethyl)phosphate, water, ug/L (62093)	Tris(2-chloroethyl)phosphate, water, ug/L (62087)	Tris(di-chloroethyl)phosphate, water, ug/L (62088)	Di-chlorophenoxyisopropyl phosphorus, water, ug/L (38775)	Samplering method, code (84164)	Sampler type, code (82398)						
MAR													
21...	--	--	--	--	--	3070	10						
21...	--	--	--	--	--	3070	10						
21...	<.5	E.2	<.5	<.5	<1.00	3070	10						
MAY													
16...	--	--	--	--	--	3070	10						
JUL													
18...	--	--	--	--	--	3070	10						
18...	--	--	--	--	--	3070	10						
18...	--	--	--	--	--	3070	70						
28...	<.5	<.5	<.5	E.1	<1.00	3070	70						

Remark codes used in this report:

< -- Less than
E -- Estimated value
M -- Presence verified, not quantified

Value qualifier codes used in this report:

d -- Diluted sample: method hi range exceeded
n -- Below the NDV